

## DIRECTIONS FOR USE

**DITHANE D-14** is usually mixed with a metallic sulfate to form the proper fungicidal product for use on foliar crops. Zinc sulfate is generally used to form zineb. Dithane D-14 when mixed with a metallic sulfate can be applied alone or it can be applied with various other pesticides in recommended spray schedules. Application should be made only as directed on this label. For further details on mixing, compatibility, and for uses on particular crops see the recommendations on this label and in special circulars. Then consult the current State Agricultural Experiment Station spray schedules or State Extension Service Specialists for details on dosage, timing and frequency of sprays.

Thorough, uniform and timely coverage is absolutely essential for disease control. Either standard high volume, concentrate or aerial sprayers may be used. Use 2 qts. of Dithane D-14 plus metallic sulfate per 100 gallons of water in standard sprayers, or the equivalent in concentrate machines or aerial sprayers. Apply 2 to 3 qts. of Dithane D-14 per acre to average vegetable and field crops; use more on heavy crops, vineyards and orchards depending on the size of the plants.

**VEGETABLES, FIELD CROPS, ORNAMENTALS.** Apply DITHANE D-14 sprays on a regular 7- to 10-day schedule, or oftener under severe disease conditions. Begin applications when disease is first present and continue as long as disease conditions prevail. To avoid excessive residues do not use within 7 days of harvest on leafy vegetables such as LEAF LETTUCE, SPINACH, GREENS and COLE CROPS and on SNAP BEANS, GREEN ONIONS and SUMMER SQUASH.

**USE DITHANE D-14 PLUS ZINC SULFATE TO CONTROL THE FOLLOWING DISEASES:**

**ASPARAGUS**—Rust. Apply to new fern growth after harvest or to new plantings at first sign of disease. Repeat at 10-day intervals until fern growth is completed.

**BEANS (lima and snap)**—Downy mildew, Rust, Anthracnose (Begin after first blossoms).

**BEETS, KALE, MUSTARD GREENS, SWISS CHARD, TURNIPS**—Cercospora leaf spot, Downy mildew.

**BROCCOLI, BROCCOLI, CAULIFLOWER**—Downy mildew, Alternaria. Use in plant bed and field.

**CANTALOUPE, CUCUMBERS, WATERMELONS and other CUCURBITS**—Downy mildew, Alternaria (Macrosporium) leaf spot, Anthracnose, Gummy stem blight. Direct sprays especially to underside of leaves.

**CARROTS**—Alternaria and Cercospora leaf spot.

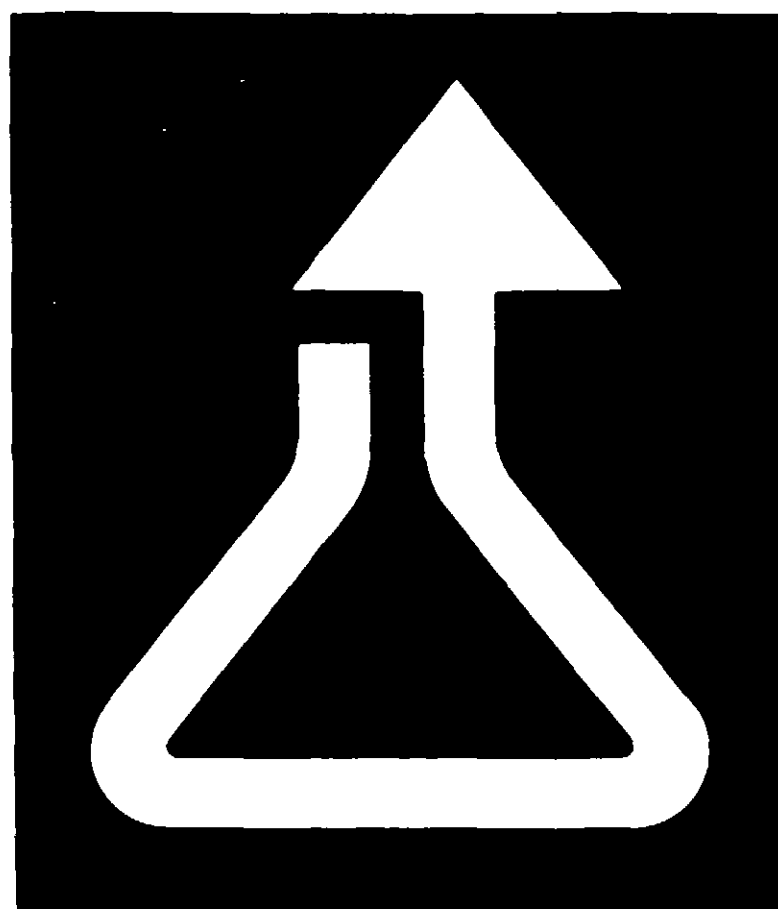
**CELERY**—Early and late blight. Spray in plant beds and field. Remove residues by washing and stripping.

**CORN**—Helminthosporium leaf blights, rust. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**HOPS**—Downy mildew. Use drenching spray on crowns when new growth starts. Begin vine sprays at first training. Do not use within 14 days of harvest.

**LETTUCE**—Downy mildew. Do not use within 5 days of harvest on head lettuce, or 7 days on leaf lettuce.

# DITHANE® D-14



**ROHM  
AND  
HAAS**  
PHILADELPHIA, PA. 19105

## AGRICULTURAL FUNGICIDE

### CAUTION KEEP OUT OF REACH OF CHILDREN

May cause skin irritation. Avoid contact with skin and eyes. In case of contact with skin wash exposed areas thoroughly with soap and water; for eyes wash copiously with water and get medical attention. Harmful if swallowed. If taken internally, induce vomiting. Drink copious quantities of water and obtain medical attention for gastric lavage. Rinse equipment and containers and dispose of water by burying in non-crop lands away from water supply.

<b>ACTIVE INGREDIENT</b>	
Nabam (Disodium ethylene bisdithiocarbamate) . . . . .	22%
<b>INERT INGREDIENTS</b> . . . . .	78%
<b>TOTAL</b> . . . . .	100%
2 lbs. active per gallon	
USDA Registration No. 707-3	

### NET CONTENTS

**GALLONS**

## DIRECTIONS FOR USE

**ONIONS**—Downy mildew. Apply as directed above. Use D-14 per acre without zinc sulfate. Dilute Dithane D-14 with adequate application in water.

**SPINACH**—Downy mildew.

**TOMATOES**—Early and late blight and Septoria leaf spots.

**AZALEAS and CAMELLIAS**—DITHANE D-14 plus 6 oz. zinc sulfate per 100 gallons. Spray 2 or 3 times.

**CHRYSANTHEMUMS, CARNATIONS**—Leaf spot, Anthracnose.

**GLADIOLUS**—Curvularia.

### FRUITS

Apply sprays thoroughly and as recommended by state agricultural experiment stations for the specific crops. Adequate ground or aerial equipment tolerances do not apply otherwise noted.

**USE DITHANE D-14 PLUS ZINC SULFATE TO CONTROL THE FOLLOWING DISEASES:**

**GRAPES**—Black rot, Downy mildew.

**STRAWBERRIES**—Leaf spot.

**SOUR CHERRIES**—Leaf spot plus 6 ozs. of zinc sulfate.

### MIXING DIRECTIONS

For each 2 quarts of DITHANE D-14 plus 6 ozs. of zinc sulfate (36% zinc) plus 22.8% zinc sulfate (22.8% zinc) plus 6 ozs. of zinc sulfate. Steps to follow—

1. Fill tank half to almost full with water.
2. Add required zinc sulfate.
3. Add required DITHANE D-14.
4. Add insecticide, spreader, etc.

DITHANE D-14 contains wetting agent on many crops. A dilution of 2 to 6 ounces of DITHANE D-14 per 100 gallons dilute spray may be desirable on plant surface.

**NOTICE:** Seller warrants no liability for description and is not responsible for the label when used in a conditions of use, but no warranty of merchantability is made, express or implied, extend product contrary to label directions, or under conditions of sale, and buyer assumes the responsibility for the results, but are not limited to which the material may be damaged by drift injury.

# DITHANE® D-14

## DIRECTIONS FOR USE (continued)

**ONIONS**—Downy mildew, Botrytis leaf blight, Purple blotch. Apply as directed above. Onion Smut, apply one gallon Dithane D-14 per acre without zinc sulfate as a furrow drench at planting. Dilute Dithane D-14 as necessary in sufficient water for adequate application in available equipment.

**SPINACH**—Downy mildew, White rust.

**TOMATOES**—Early and late blight, Anthracnose, Stemphylium and Septoria leaf spots, Cladosporium gray mold.

**AZALEAS and CAMELIAS**—Petal blight. Use only 1 qt. of DITHANE D-14 plus 6 ozs. of zinc sulfate (36% zinc) per 100 gallons. Spray 2 or 3 times a week while flowers are opening.

**CHRYSANTHEMUMS, CARNATIONS, SNAPDRAGONS** — Rust, Leaf spot, Anthracnose.

**GLADIOLUS**—Curvularia, Botrytis blight, Stemphylium.

### FRUITS

Apply sprays thoroughly in accordance with timings recommended by state agricultural experiment station spray schedule for the specific crops. Application may be made either by suitable ground or aerial equipment. To avoid residues in excess of tolerances do not apply within 7 days of harvest, except as otherwise noted.

### USE DITHANE D-14 PLUS ZINC SULFATE FOR THE FOLLOWING DISEASES:

**GRAPES**—Black rot, Downy mildew, Ripe rot.

**STRAWBERRIES**—Leaf spot, Leaf scorch.

**SOUR CHERRIES**—Leaf spot. Use only 1 qt. DITHANE D-14 plus 6 ozs. of zinc sulfate (36% zinc).

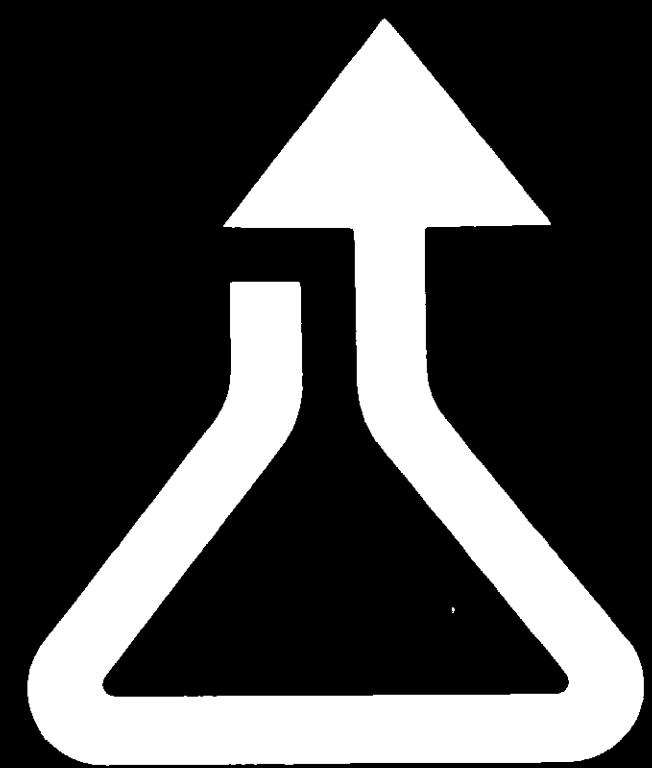
### MIXING DIRECTIONS

For each 2 quarts of DITHANE D-14, use one of the following:  
 Zinc sulfate (36% zinc) ..... ¾ pound  
 Zinc sulfate (22.8% zinc) ..... 1¼ pound  
 Steps to follow—

1. Fill tank half to almost full with water.
2. Add required zinc and dissolve thoroughly.
3. Add required DITHANE D-14. Agitate thoroughly.
4. Add insecticide, spreader, or nutritional sprays last if used.

DITHANE D-14 contains ingredients which provide adequate wetting on many crops. On certain hard to wet crops, the addition of 2 to 6 ounces of Triton® B-1956® per hundred gallons of dilute spray may be desirable for optimum coverage of the plant surface.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to damage to plants, crops and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.



## AGRICULTURAL FUNGICIDE

### CAUTION KEEP OUT OF REACH OF CHILDREN

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#### ACTIVE INGREDIENT

Nabam (Disodium ethylene bisdithiocarbamate) ..... 22%

INERT INGREDIENTS ..... 78%

TOTAL ..... 100%

2 lbs. active per gallon  
 USDA Registration No. 707-3

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